



- Drafts
- Pending
- Active
 - L1: (32) without adj bezel
 - L2: (30) no adj bezel
 - L3: (0) bezelless
 - L4: (58) 1 or 2
 - L5: (3) bezelless
 - L6: (4) bezel-less
 - L7: (14) bezel adj less
 - L8: (72) 4 or 5 or 6 or 7
- Failed
- Saved
- Favorites
- Tagged (6)

US-PAT-NO: 5416495
 DOCUMENT-IDENTIFIER: US 5416495 A
 TITLE: Liquid-crystal display unit
 DATE-ISSUED: May 16, 1995
 INVENTOR-INFORMATION:
 NAME
 Davis; William R.
 Ahlstrom; John F.
 Greenthal; Richard P.
 CITY
 La Canada
 Chatsworth
 Los Angeles



ID	Type	L #	Hits	Search Text		DBS
				Text	Details	
1	BRS	L1	32	without adj bezel		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L2	30	no adj bezel		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L3	0	bezelless		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L4	58	1 or 2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L5	3	bezelless		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L6	4	bezel-less		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L7	14	bezel adj less		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	BRS	L8	72	4 or 5 or 6 or 7		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB



09/844,557

6/29/2004

EAST - [Untitled1:1] X

File View Edit Tools Window Help

Drafts Pending Active

L1: (32) without adj bezel
 L2: (30) no adj bezel
 L3: (0) bezelless
 L4: (58) 1 or 2
 L5: (2) bezel-less

the substrate 50 and the subsequent filling of these channels with a conductive material 56, as shown in FIG. 3A. The recesses may be formed by indenting, embossing, or otherwise creating channels in a surface of the substrate 50. Exemplary methods for forming recesses in a surface of a substrate can be found in U.S. Pat. No. 6,090,344, Ser. No. 09/034,422. The depth of the channels is typically less than the thickness of the substrate 50. In one embodiment, the channels are approximately 100 micrometers deep.

BRS form IS&R form Image Text HTML

Type	L #	Hits	Search Text	
1	BRS	L1	32	without adj bezel
2	BRS	L2	30	no adj bezel
3	BRS	L3	0	bezelless
4	BRS	L4	58	1 or 2
5	BRS	L5	3	bezelless
6	BRS	L6	4	bezel-less
7	BRS	L7	14	bezel adj less
8	BRS	L8	72	4 or 5 or 6 or 7
9	BRS	L9	454177	carrier
10	BRS	L10	3590	carrier adj frame
11	BRS	L11	0	10 and camouflage
12	BRS	L12	372	9 and camouflage
13	BRS	L13	2	12 and bezel
14	BRS	L14	1	12 and 345/\$.ccls.
15	BRS	L15	3018	camouflage
16	BRS	L16	14	15 and bezel
17	BRS	L17	4426	conductive adj ink
18	BRS	L18	113	non-conductive adj ink
19	BRS	L19	52	nonconductive adj ink
20	BRS	L20	162	18 or 19
21	BRS	L21	144	20 and 17
22	BRS	L22	78537	camouflage or disguise or camouflaged or disguise or concealment or hidden
23	BRS	L23	2	22 and 21
24	BRS	L24	217	22 and 17
25	BRS	L25	160	24 and (computer or palm or pda or display)

Hits Details HTML

Start Microsoft Office Shortcut Bar EAST - [Untitled1:1]

09/844,557

6/29/2004

EAST - [Untitled1:1] X X X

File View Edit Tools Windows Help X X X

Copy BRS form IS&R form Image Text HTML X X X

1 Type L # Hits Search Text DBs

1 BRS L1 219693 (camouflage or camouflaged or disguise or conceal or concealment or hidden or blend or (color adj match)) USPAT; US-PGPUB

2 BRS L2 416 1 and (conductive adj ink) USPAT; US-PGPUB

3 BRS L3 26 2 and 345/\$.ccls. USPAT; US-PGPUB

4 BRS L4 390 2 not 3 USPAT; US-PGPUB

5 BRS L5 47 4 and 340/\$.ccls. USPAT; US-PGPUB

6 BRS L6 343 4 not 5 USPAT; US-PGPUB

7 BRS L7 0 6 and 178/\$.ccls. USPAT; US-PGPUB

8 BRS L8 107 6 and carrier USPAT; US-PGPUB

9 BRS L9 236 6 not 8 USPAT; US-PGPUB

10 BRS L10 2859 (camouflage or camouflaged or disguise or conceal or concealment or hidden or blend or (color adj match)) wi USPAT; US-PGPUB

11 BRS L11 896 (camouflage or camouflaged or disguise or conceal or concealment or hidden or (color adj match)) with (condu USPAT; US-PGPUB

12 BRS L12 857 11 not 2 USPAT; US-PGPUB

13 BRS L13 16 12 and 345/\$.ccls. USPAT; US-PGPUB

14 BRS L14 841 12 not 13 USPAT; US-PGPUB

15 BRS L15 21 14 and bezel USPAT; US-PGPUB

16 BRS L16 836 12 not 15 USPAT; US-PGPUB

17 BRS L17 131 16 and carrier USPAT; US-PGPUB

18 BRS L18 705 16 not 17 USPAT; US-PGPUB

19 BRS L19 73 18 and touch USPAT; US-PGPUB

20 IS&R L20 13 ((2997793") or ("3100352") or ("3579857") or ("3699668") or ("3763574") or ("3800437") or ("3947987" USPAT

21 IS&R L21 8 ((5601887") or ("5667250") or ("5681065") or ("5690367") or ("5803504") or ("5887906") or ("5925440" USPAT

22 IS&R L22 8 ((1077865") or ("2619349") or ("2808263") or ("3057082") or ("3058344") or ("3771240") or ("3778058" USPAT

23 BRS L23 40 (camouflage or camouflaged or disguise or conceal or concealment or hidden or concealed) adj conductive USPAT; US-PGPUB

24 BRS L24 453 (camouflage or camouflaged or disguise or conceal or concealment or hidden or concealed) adj pattern USPAT; US-PGPUB

25 BRS L25 2 24 and 345/\$.ccls. USPAT; US-PGPUB

26 BRS L26 183 (camouflage or camouflaged or disguise or conceal or concealment or hidden or concealed) adj electrical USPAT; US-PGPUB

27 BRS L27 4 ("4432733" or "6142533").repn,rlpn,bi,uref,oref. USPAT; US-PGPUB

28 BRS L28 4 ("4432733" or "6142533").repn,rlpn,bi,uref,oref. USPAT; US-PGPUB; EPO DRAFT: TRM TDR

Hits Details HTML Microsoft Office Shortcut Bar EAST - [Untitled1:1]

09/844,537

6/29/2004

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts Pending

Search List Browse Queue Clear

BRS form IS&R form Image Text HTML

Type	L #	Hits	Search Text	I
1	IS&R	L1	3	(("6002163") or ("6388877") or ("6459591") . PN.
2	BRS	L2	2950	palm\$.as.
3	BRS	L3	939	3com\$.as.
4	BRS	L4	3889	2 or 3
5	BRS	L5	196	4 and touch
6	BRS	L6	0	5 and anisotropic
7	BRS	L7	1	4 and anisotropic
8	BRS	L8	31	5 and frame
9	BRS	L9	165	5 not 8
10	BRS	L10	125	9 and (housing or house or case)
11	BRS	L11	40	9 not 10
12	BRS	L12	714	anisotropic adj conductive adj film
13	BRS	L13	349	anisotropic adj conductive adj adhesive
14	BRS	L14	962	12 or 13
15	BRS	L15	27	14 and ((touch adj panel) or (touch adj screen) or (touch adj display))
16	IS&R	L16	0	("frameadjcontacts") . PN.
17	BRS	L17	470	frame adj contacts
18	BRS	L18	2	17 and ((touch adj panel) or (touch adj screen) or (touch adj display))
19	BRS	L19	446	embedded adj contact
20	BRS	L20	65	19 and (touch or display)
21	BRS	L21	1344	(345/173 or 345/174) . cc1s.
22	BRS	L22	585	21 and (frame or casing or housing)
23	BRS	L23	279	22 and contact
24	BRS	L24	2094	(361/683 or 361/686 or 439/529) . cc1s.
25	BRS	L25	109	24 and ((touch adj panel) or (touch adj screen) or (touch adj display))

09/044,557